



Block 2008 Development

Block 2008 represents the period of development for calendar years 2008 and 2009. Block 2008 will continue developing existing capabilities and provide new capabilities that will be added to those fielded in Blocks 2004 and 2006. The following are critical program areas additions that are expected to be developed for the Ballistic Missile Defense System in Block 2008:

Boost Phase Development

- Airborne Laser: Continue development and completing ground and flight test with the installed High Energy Laser; conducting a lethal system demonstration (shooting down a ballistic missile in flight).
- Kinetic Energy Interceptor: Continue development, including international cooperation done through the international industry development program.

Midcourse Phase Development

- Ground-based Midcourse Defense:
 - Increase Ground-Based Interceptor inventory with up to 38 at Ft. Greely, Alaska.
- Aegis Ballistic Missile Defense:
 - Increase Engagement Destroyer inventory to 15.
 - Increase Standard Missile-3 interceptor inventory to 55.

Terminal Phase Development

- Increase Terminal High Altitude Air Defense missile inventory to 24.
- Increase PATRIOT Advanced Capability-3 missile inventory to 712.

Sensors

- Fixed site sensors inventory will be increased with the addition of modified Early Warning Radars at Thule, Greenland and Otis, Massachusetts.
- The mobile/transportable sensors inventory will be increased with the addition of three forward-based X-band Radars (one in Europe, one in East Asia, and one in Caucasus) and the initial Space Tracking & Surveillance Satellites.

Command, Control, Battle Management, and Communications

- Upgraded consequence management and mitigation tools.
- Enhanced Ballistic Missile Defense System protection capability.
- Command, Control, Battle Management, and Communications suites for the Combatant Commanders at European Command and Central Command, upgrades to Command, Control, Battle Management, and Communications suites at Northern Command, Strategic Command, Pacific Command, the Joint National Integration Center, and the Pacific Command Area of Responsibility.
- Full Global Integrated Fire Control with improved sensor management. This initial capability is located at European Command.